

United States
Department of
Agriculture

Forest
Service

Northeastern Area
State & Private
Forestry

180 Canfield Street
Morgantown, WV 26505



WV
JFM

Reply To: 3460/3410

Date: December 17, 1993

Dr. Jamie Geiger

James E. Weaver

Assistant Regional Director

Fisheries and Federal Aid

USDI Fish and Wildlife Service

~~1 Gateway Center, Suite 700~~ 300 Westgate Ctr Dr
~~Newton Corner, MA 02158~~ Hadley, MA 01035-9589

Dear Mr. Weaver:

Geiger

A summary of the 1983-1993 gypsy moth trapping program conducted at Bowden National Fish Hatchery is enclosed for your information (Table 1). Also enclosed is a map showing trap locations (Figure 1). The purpose of the program is to monitor low level gypsy moth populations and to help us determine when more intensive survey methods should be employed.

Gypsy moth catches at Bowden NFH have increased from 62 male moths per trap in 1992 to 175 moths per trap in 1993. This is a significant increase and personnel at Bowden NFH may want to start employing more intensive survey methods such as burlap banding and/or egg mass surveys to detect the presence of larvae, pupae and/or egg masses. If Bowden NFH personnel can support these activities, our office would be happy to provide the necessary technical assistance to get them started. Trapping is not necessary for our purposes if one of these more intensive survey methods are implemented.

Thank you for your continued cooperation and if you have any questions regarding these results or our recommendations, please call me at (304) 285-1556.

Sincerely,

Karen D. Felton

KAREN D. FELTON
Biological Technician
Forest Health Protection

Map
Spear
Northeast
Fisher

Enclosures

cc: AO

Jack Jones, Bowden NFH

Charles Coffman, WVDA

Jan Hacker, WVDA

KDF/mae



Table 1.--Summary of the 1983-1993 gypsy moth trapping results at Bowden National Fish Hatchery (Randolph County, WV).

<u>Year</u>	<u>Number of Traps</u>	<u>Total Moths Caught</u>	<u>Positive Catch Trap Number</u>
1983	2	0	--
1984	2	0	--
1985	2	0	--
1986	2	0	--
1987	3	1	Traps not numbered
1988	3	1	Traps not numbered
1989	3	27	All
1990	3	45	All
1991	2	34	All
1992	5	308	All
1993	5	872	All

Figure 1.--1993 gypsy moth trap locations.

BOWDEN NATIONAL FISH HATCHERY

